



Department of Energy
Office of Science
Washington, DC 20585

JAN 25 2008

MEMORANDUM FOR DAVID R. HILL
GENERAL COUNSEL

FROM: GEORGE J. MALOSH
DEPUTY DIRECTOR FOR FIELD OPERATIONS

SUBJECT: Office of Science Annual NEPA Planning Summary for 2008

This is in response to your December 21, 2007, memorandum to the Secretarial Officers and Heads of Field Organizations regarding Annual National Environmental Policy Act (NEPA) planning summaries.

As requested in your memorandum, attached is the Office of Science (SC) annual NEPA planning summary for 2008. The two documents provide the status of ongoing NEPA compliance activities for Environmental Assessments (EAs), and EAs expected to be prepared in the next 12 months. The summary includes the planned cost and schedule for completion of each NEPA review identified. No Environmental Impact Statements (EISs) are expected to be prepared in the next 24 months.

If you have any questions regarding annual NEPA planning summary, please direct them to Sat Goel of my staff, at (301) 903-3057 or via email at sat.goel@science.doe.gov.

Attachments (2)

cc w/ attachments:

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1-30-2008

Status of Ongoing NEPA Compliance Activities: Environmental Assessments

Office of Science				
1/31/08				
Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)*		Description
Ames Site Office -- None				
Argonne Site Office -- None				
Berkeley Site Office				
Demolition of Building 51 and the Bevatron at Lawrence Berkeley National Laboratory (DOE/EA-1541); Berkeley, CA		Determination Date:	2/16/2006	The Bevatron, which went out of service in 1993, is an approximately 180-ft-diameter particle accelerator. Building 51 is an approximately 126,500-gross-sq-ft shed-like structure built to shelter the Bevatron apparatus and its associated mechanical, electrical, shop, and office functions. It does not meet current building codes. C/D 3 is estimated for April/May 2008. On site deconstruction to begin approximately July/August 2008. The draft EA was issued for public review in 2006 and comments were received. The Final EA and FONSI have been revised to address comments that were made by Berkeley Site Office and the Oak Ridge Office and are in for printing.
NDM: Kim Abbott, 510-486-7909 kim.abbott@bso.science.doe.gov		Transmittal to State:	5/21/2006	
NCO: Gary Hartman, 865-576-0273 hartmangs@oro.doe.gov		EA Approval:	1/28/2008	
		FONSI:	1/28/2008	
	\$50,000	Distribution Date:	2/15/2008	
Brookhaven Site Office -- None				
Chicago Office -- None				
Fermi Site Office				
NuMI Off-axis v Appearance Experiment (NOvA) (DOE/EA-1570), Fermi National Accelerator Laboratory and Ash River, MN		Determination Date:	7/11/2006	NOvA is intended to measure electron neutrino appearance in a 20,000 metric ton Far Detector that will be located about 810 km from Fermilab (in Northern Minnesota near International Falls) and 12 km off the central axis of the existing NuMI project beamline. The origin of the neutrinos is Fermilab. Fermilab is working on a second draft of the EA. The University of Minnesota is Fermilab's MN partner on the project. The MN State NEPA-like process was completed in November. Consultations with the Corp and the SHPO are ongoing to complete the analysis in the Federal EA. Cost estimate includes both Federal NEPA and State NEPA-like requirements.
NDM: Sally Arnold, 630-840-2239 sally.arnold@ch.doe.gov		Transmittal to State:	1/25/2008	
NCO: Peter Siebach, 630-252-2007 peter.siebach@ch.doe.gov		EA Approval:	2/29/2008	
		FONSI:	2/29/2008	
	\$200,000	Distribution Date:	3/14/2008	
Headquarters				
Very Energetic Radiation Imaging Telescope Array System (VERITAS), Southern Arizona (DOE/EA 1543) (Cooperating with NSF)		Determination Date:	5/31/2005	VERITAS is a new telescope array originally planned for Kitt Peak National Observatory, west of Tucson on an area leased to the Federal Government by the Tohono O'odham Nation (TON). A CX is currently in place which authorizes testing and demonstration operations at the Mt Whipple Observatory Base Camp. DOE is cooperating with the National Science Foundation and Bureau of Indian Affairs on the NEPA process. The Program is exploring the possibility of new alternatives and additional partners. A path forward has yet to be established.
NDM: TBD		Transmittal to State:	11/14/2005	
NCO: Peter Siebach, 630-252-2007 peter.siebach@ch.doe.gov		EA Approval:	TBD	
		FONSI:	TBD	
	\$75,000	Distribution Date:	TBD	

Status of Ongoing NEPA Compliance Activities: Environmental Assessments				
Office of Science 1/31/08				
Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)*		Description
New Brunswick Laboratory -- None				
Oak Ridge Office				
Environmental Assessment for the Oak Ridge Science and Technology Project at the Oak Ridge National Laboratory, Oak Ridge, Tennessee (DOE/EA-1575) (formerly known as Innovation Valley Science and Technology Project); Oak Ridge, TN NDM: Susan Cange, 865-576-0334 cangesm@oro.doe.gov NCO: Gary Hartman, 865-576-0273 hartmangs@oro.doe.gov	\$75,000	Determination Date:	8/17/2006	Lease of underutilized land parcels and/or facilities to support the technology transfer mission of ORNL. Current Status: EA being revised to reflect stakeholder comments; EA completion, including a Finding of No Significant Impact, is expected by spring 2008.
		Transmittal to State:	9/10/2007	
		EA Approval:	TBD	
		FONSI:	TBD	
		Distribution Date:	TBD	
Environmental Assessment for the Disposition of Radioactively Contaminated Nickel Located at the East Tennessee Technology Park, Oak Ridge, Tennessee, and the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, for Controlled Radiological Applications (DOE/EA-1599); Oak Ridge, TN, and Paducah, KY NDM: Susan Cange, 865-576-0334 cangesm@oro.doe.gov NCO: Gary Hartman, 865-576-0273 hartmangs@oro.doe.gov	\$300,000	Determination Date:	8/17/2007	Disposition of radioactively contaminated nickel located at the East Tennessee Technology Park and the Paducah Gaseous Diffusion Plant for controlled radiological use. Current Status: Preliminary Draft is being reviewed internally by DOE. EA completion is expected by the end of 2008. <i>(This is an Office of Environmental Management project)</i>
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
		Distribution Date:	TBD	
Environmental Assessment for the Conveyance of Parcel ED-3 of the Oak Ridge Reservation to the Community Reuse Organization of East Tennessee (DOE/EA-1316); Oak Ridge, TN NDM: Susan Cange, 865-576-0334 cangesm@oro.doe.gov NCO: Gary Hartman, 865-576-0273 hartmangs@oro.doe.gov	\$90,000	Determination Date:	5/1/1999	Conveyance of approximately 450 acres of land for mixed commercial and industrial purposes. Current Status: On Hold. This EA may be incorporated into a new EA that will evaluate the impacts of mixed land use in the northwest portion of the Oak Ridge Reservation.
		Transmittal to State:	2/10/2000	
		EA Approval:	TBD	
		FONSI:	TBD	
		Distribution Date:	TBD	
Pacific Northwest Site Office -- None				
Princeton -- None				
Stanford Site Office -- None				
Thomas Jefferson Site Office -- None				
Total	\$790,000			
* Forecast Milestones Italicized				

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months				
Office of Science 1/31/08				
Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Ames Site Office -- None				
Argonne Site Office -- None				
Berkeley Site Office				
Berkeley Lab Laser Accelerator (BELLA), Location: Lawrence Berkeley National Laboratory	\$50,000	Determination Date:	Apr-08	BELLA will be a meter scale 10GeV, electron beam accelerator developed from a Laser Driven Accelerator utilizing a Petawatt Laser System. BELLA will be located in an existing building on the LBNL. Due to the budget uncertainty of the Continuing Resolution, schedule dates have not been finalized. An EA will be necessary because the energy level of the beam exceeds the Categorical Exclusion threshold.
		Transmittal to State:	Jul-08	
		EA Approval:	Sep-08	
		FONSI:	Sep-08	
		Distribution Date:	Dec-08	
Brookhaven Site Office --None				
Chicago Office				
Facility for Rare Isotope Beam, Location: TBD	\$100,000	Determination Date:	May-08	On August 20, 2007, the National Science Advisory Committee recommended that DOE and NSF proceed with solicitation of proposals for a Facility for Rare Isotope Beam (FRIB) based on the 200 MeV, 400 kW superconducting heavy-ion driver linac at the earliest opportunity. The Committee stated that "a next generation, radioactive beam facility represents a unique opportunity to explore the nature of nuclei under conditions that previously only existed in supernovae and to challenge our knowledge of nuclear structure by exploring new forms of nuclear matter." The location of the Facility will be determined via the solicitation process.
		Transmittal to State:	Oct-08	
		EA Approval:	Oct-08	
		FONSI:	Oct-08	
		Distribution Date:	Nov-08	
Fermi Site Office -- None				
Headquarters (SC) -- None				
New Brunswick Laboratory -- None				
Oak Ridge Office				
Oak Ridge National Laboratory Modernization Initiative; Oak Ridge, TN	\$100,000	Determination Date:	May-08	EA for the continued modernization of the Oak Ridge National Laboratory, including construction of new offices, laboratories, and maintenance and support facilities. The EA would also include upgrading, replacing, and removing from service existing facilities and equipment.
		Transmittal to State:	Jan-09	
		EA Approval:	TBD	
		FONSI:	TBD	
		Distribution Date:	TBD	

Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months				
Office of Science				
1/31/08				
Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Conveyance of Land and Facilities in the Northwest Portion of the Oak Ridge Reservation; Oak Ridge, TN	\$75,000	Determination Date:	TBD	Conveyance of land and facilities in the northwest portion of the Oak Ridge Reservation for mixed use (i.e., industrial, commercial, recreational, and residential). Would include East Tennessee Technology Park area of responsibility, including Land Parcel ED-3.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
		Distribution Date:	TBD	
Pacific Northwest Site Office -- None				
Princeton -- None				
Stanford Site Office -- None				
Thomas Jefferson Site Office -- None				
Total	\$325,000			